

July 18, 2007

DELTA ENVIRONMENTAL PRODUCTS
MIKE CATANZARO
PO BOX 969
DENHAM SPRINGS LA 70727

SALCOR, INC.
JAMES E. CRUVER
PO BOX 1090
FALLBROOK CA 92088-1090

Re: Description: SEWAGE TREATMENT- ULTRAVIOLET DISINFECTION
Manufacturer: SALCOR, INC.
Product Name: SALCOR UV 3G
Model Number(s): NONE
Product File No: 20070265

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of July 2012.

This approval is contingent upon compliance with the following stipulation(s):

- The wastewater received by this product must have a BOD5 and TSS value of equal to or less than 30 mg/L.
- When this product is installed in a tank, the tank must be approved by the Department of Commerce, Division of Safety and Buildings for use with this product.
- An access opening of sufficient size and location to allow servicing of this product must be provided. This access opening must terminate at or above finish grade.
- The wastewater flow discharge through this product must be equal to or less than 1.7 gallons per minute.
- The data reviewed indicates this product will provide reduction of fecal coliform as shown in Table 1 entitled "Salcor UV 3G Performance Test Results." The treatment was for wastewater having geometric mean values of 7.48 for color, 2.5 NTU for Turbidity, 76 degrees F, 7.55 pH, 8.0 mg/L for Dissolved Oxygen, and 1.52 gallons per minute.

TABLE 1		
Salcor UV 3G Performance Test Results Reduction of Fecal Coliform in CFU/100mL		
Value	Influent	Effluent
Geometric Mean	1,602,796	17.48
Range Values	900,000 to 4,500,000	2 to 171

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- The Salcor UV 3G must be installed in maintained in accordance with Salcor, Inc. published installation, maintenance and service instructions received by this office on June 6, 2007. The maintenance and service instructions require the lamp and sheath to be replaced every 2 years and the serviced a minimum of once per year to insure proper effluent disinfection.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Michael J. Beckwith, CIPE
Plumbing Product Reviewer
phone: 608-266-6742
fax: 608-267-9566
e-mail: mike.beckwith@wisconsin.gov